

CLAIMS

1. A fuel injection pump provided with a feed pump which is attached to a housing side surface of a fuel injection pump main body and which draws fuel and
5 supplies the same to the fuel injection pump main body, wherein

the feed pump comprises

a trochoid-type pump element which is rotated by a driving shaft;

10 a pump plate disposed on one end side of the pump element in an axial direction thereof, said pump plate having, at its center, a shaft hole through which the driving shaft is inserted, and substantially arc-shaped fuel inlet and outlet ports around the shaft hole;
15 and

a pump cover which covers the other end side of the pump element in the axial direction thereof and an outer periphery of the pump element in the radial direction thereof, said pump cover being combined with
20 the pump plate in a liquid-tight manner, said pump cover being fastened to the housing side surface, together with the pump plate wherein

said pump plate is provided with a rib that partitions at least one of the inlet and outlet
25 ports in a circumferential direction thereof, and couples the opposite sides of the port.

2. A fuel injection pump according to claim 1, wherein

30 the rib is provided substantially at a center of said at least one of the ports, in the circumferential direction thereof.

3. A fuel injection pump according to claim 1, said pump cover is fastened to the housing side surface by screws.